

PRODUCT CATALOG

**LOW POWER FIELD EFFECT TRANSISTORS**

**GENERAL PURPOSE N-CHANNEL**

Type Number	Case Style (TO—)	Geometry	•BVDgo or	Ciss Max (pF)	Crss Max (pF)	Vgs (off)		I <sub>gss</sub> Max (nA)	Y <sub>fs</sub> (uMhos)		I <sub>dss</sub> (mA)		R(on) Max (ohms)	Y <sub>os</sub> Max (uMhos)
			BV <sub>gss</sub> Min (V)			Min	Max		Min	Max	Min	Max		
2N3066	18	FN22.2	50	10.0	—	—	9.5	1.0	400	1000	—	4.00	—	50
2N3067	18	FN22.2	50	10.0	—	—	4.5	1.0	300	1000	—	1.00	—	50
2N3068	18	FN2.2	50	10.0	—	—	2.2	1.0	200	1000	—	0.25	—	50
2N3069	18	FN22.2	•50	15.0	1.5	—	9.5	1.0	750	2500	0.50	2.5	—	80
2N3070	18	FN22.2	•50	15.0	1.5	—	4.5	1.0	750	2500	0.5	2.50	—	30
2N3071	18	FN3.6	•50	15.0	1.5	—	2.2	1.0	500	2500	0.1	0.60	—	7
2N3085	18	FN22.2	15	14.0	—	—	10.0	1.0	400	2000	—	3.00	—	50
2N3087	18	FN22.2	15	14.0	—	—	10.0	1.0	400	2000	—	3.00	—	50
2N3089	18	FN22.2	15	6.0	2.0	—	5.0	1.0	300	2000	0.50	2.0	—	50
2N3089A	18	FN22.2	15	6.0	2.0	—	5.0	1.0	300	2000	0.5	2.00	—	50
2N3365	18	FN22.2	•40	15.0	2.5	—	11.5	5.0	400	2000	0.8	4.00	—	50
2N3366	18	FN22.2	40	15.0	—	—	6.5	5.0	250	1000	—	1.00	—	20
2N3367	18	FN22.2	•40	15.0	2.5	—	2.2	5.0	100	1000	0.05	0.25	—	10
2N3368	18	FN3.6	•40	20.0	2.0	—	11.5	5.0	1000	4000	2.0	12.00	—	80
2N3369	18	FN22.2	•40	20.0	2.0	—	6.5	5.0	600	2500	0.5	2.50	—	30
2N3370	18	FN22.2	•40	20.0	3.0	—	3.2	5.0	300	2500	0.1	0.60	—	15
2N3436	18	FN3.6	•50	18.0	6.0	—	9.8	0.5	2300	10000	3.0	15.00	—	35
2N3437	18	FN3.6	•50	18.0	6.0	—	4.8	0.5	1500	6000	0.8	4.00	—	20
2N3438	18	FN22.2	•50	18.0	6.0	—	2.3	0.5	800	4500	0.2	1.00	—	5
2N3452	18	FN2.2	•50	6.0	1.5	—	9.8	0.1	200	1200	0.8	4.00	—	15
2N3453	18	FN2.2	•50	6.0	1.5	—	4.8	0.1	150	900	0.2	1.00	—	5
2N3454	18	FN2.2	•50	6.0	1.5	—	2.3	0.1	100	600	0.05	0.25	—	3
2N3455	18	FN2.2	•50	5.0	1.5	—	9.8	0.4	300	9000	0.8	4.00	—	5
2N3456	18	FN2.2	•50	5.0	1.5	—	4.8	0.4	150	600	0.2	1.00	—	3
2N3457	72	FN2.2	•50	5.0	1.5	—	2.3	0.4	150	600	0.05	0.25	—	3
2N3458	18	FN3.6	•50	18.0	5.0	—	7.8	0.25	2500	10000	3.0	15.00	—	35
2N3459	18	FN3.6	•50	18.0	5.0	—	3.4	0.25	1500	6000	0.8	4.00	—	20
2N3460	18	FN3.6	•50	18.0	5.0	—	1.8	0.25	800	4500	0.2	1.00	—	5
2N3684	72	FN22.2	50	4.0	1.2	2.0	5.0	0.1	2000	3000	2.5	7.50	—	50
2N3685	72	FN22.2	50	4.0	1.2	1.0	3.5	0.1	1500	2500	1.0	3.00	—	25
2N3686	72	FN22.2	50	—	4.0	1.2	0.6	2.0	0.1	1000	2000	0.4	1.20	10
2N3687	72	FN22.2	50	—	4.0	1.2	0.3	1.2	0.1	500	1500	0.1	0.50	5
2N3821•	72	FN3.6	50	6.0	3.0	—	4.0	0.1	0.1	1500	4500	0.5	2.50	10
2N3822•	72	FN3.6	50	6.0	3.0	—	6.0	0.1	0.1	1500	4500	0.5	2.50	10
2N3967	72	FN2.5	50	6.0	3.0	—	5.0	0.1	0.1	3000	6500	2.0	10.00	20
2N3967A	72	FN2.5	30	5.0	1.3	2.0	5.0	0.1	2500	—	2.5	10.00	—	35
2N3968	72	FN2.5	30	5.0	1.3	0.5	3.0	0.1	2000	—	1.0	5.00	—	15
2N3968A	72	FN2.5	30	5.0	1.3	0.5	3.0	0.1	2000	—	1.0	5.00	—	15
2N3969	72	FN2.5	30	5.0	1.3	0.3	1.7	0.1	1300	—	0.4	2.00	—	5
2N3969A	72	FN2.5	30	5.0	1.3	0.3	1.7	0.1	1300	—	0.4	2.00	—	5
2N4139	18	FN2.5	50	18.0	5.0	2.0	8.0	1.0	3500	7000	8.0	11.00	—	35
2N4220	72	FN22.2	30	6.0	2.0	—	4.0	0.1	1000	4000	0.5	3.00	—	10

• These devices are qualified for IAN, JTX, and JTXV.

Most of these devices are available in an epoxy TO-92 package (KK prefix) with similar electrical characteristics. Specify KB prefix for leads formed to TO-18/TO-106 pin circle configuration.